

N° 7095



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Complete Specification Left, 1st Sept., 1913—Accepted, 30th Oct., 1913

PROVISIONAL SPECIFICATION.

Improvements in or relating to Buffers for Furniture, Bedsteads, or the like.

I, HELEN MARY BROWN, Matron of Daneswood Sanatorium, Woburn Sands, Bedfordshire, do hereby declare the nature of this invention to be as follows:—

This invention relates to improvements in buffers for furniture, bedsteads, and the like, and has for its objects to obviate or lessen the damage done to 5 walls etc. whenever furniture, or bedsteads, are moved.

According to the present invention, a buffer for use on furniture, bedsteads, or the like, is provided with a roller, preferably resilient rotatable on a vertical axis. The buffer may be attached to the furniture or bedstead by a clamp or 10 equivalent device. The buffer in its preferred form comprises a pair of jaws adapted to be tightened by a wing nut or like device, and carrying an extension on which is mounted a vertically rotating roller, preferably composed of 15 resilient material such as india rubber.

The following is a description of one form of buffer according to this invention:—

15 A pair of jaws, which may either be made out of a single piece of springy metal, or of two hinged pieces, is provided with some suitable device for tightening such as a shackle and wing nut, so that it may be secured to the furniture or bedstead, by fitting round a leg. The jaws are provided with an extension which carries a roller, the roller being free to rotate on a vertical 20 axis, with respect to the article to which the buffer is fitted. If the buffer is to be attached to a leg, the jaws are made to open on a vertical axis, if the buffer is to be attached to a horizontal member, such as to a bed rail, the jaws are made to open on a horizontal axis. The extensions in either case are so disposed that the roller revolves on a vertical axis.

25 If desired the extensions carrying the roller could be made adjustable with respect to the jaws, so that the roller could always be turned to revolve on a vertical axis, irrespective of whether the device is fitted vertically or horizontally.

It is obvious that the device can be attached in any suitable manner to the 30 article to which it is to be affixed, such as by any well known means.

The roller is preferably composed of some resilient material such as india rubber. The same effect may be obtained by having a resilient connection between the roller bearings and the jaws.

Various modifications can be made in the method of carrying the invention 35 into operation, without departing from the spirit of this invention. For instance the materials of which the jaws are made or the construction of the jaws may be varied. Further several rollers can be employed on each clamp instead of one as described.

Dated this 20th day of March, 1913.

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[Price 8d.]

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Brown's Improvements in or relating to Buffers for Furniture, Bedsteads, or the like.

COMPLETE SPECIFICATION.

Improvements in or relating to Buffers for Furniture,
Bedsteads, or the like.

I, HELEN MARY BROWN, Matron of Daneswood Sanatorium, Woburn Sands, Bedfordshire, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to improvements in buffers for furniture, bedsteads, and the like, and has for its object to obviate or lessen the damage done to walls etc., whenever furniture, or bedsteads are moved.

According to the present invention, a buffer for use on furniture, bedsteads or the like, of the kind provided with a roller, preferably resilient is adapted to be attached to the furniture, or bedstead by a clamp or the like. The buffer in its preferred form, comprises a pair of jaws adapted to be tightened by a wing nut or like device, and carrying an extension on which is mounted a vertically rotating roller, preferably composed of resilient material such as india rubber.

In the accompanying drawings,

Fig. 1 shows a plan view of the buffer.

Fig. 2 shows a side elevation of a buffer attached to a bedstead post the roller being shown in contact with the wall.

Fig. 3 is a detail view.

The roller A which may be of any suitable material such as wood or metal, or the like, is mounted on a fixed spindle B, supported by a bracket C. The outer surface E of the roller is of resilient material, such as india rubber.

The bracket C is fastened to spring jaws F by means of a rivet G or by like means, and between the bracket and the spring jaws may be fitted a washer H. The spring jaws are preferably constructed of metal and one of the jaws is bent round as at K to form a housing for the pin L on which swings a screwed shackle pin M suitably threaded to receive a wing nut N. The other jaw is slotted as at O, and is bent round as at P to receive a seating piece Q for the wing nut N.

Referring to Fig. 2, the buffer is shown as fitted to a bedstead post R, the roller A being in contact with the wall S. The construction of the slotted jaw is shown in Fig. 3.

In practice the device is attached to the bedstead or other furniture by slackening back the wing nut N, and springing the jaws into position on a bedpost, rail or leg, the arrangement being that the axis of the roller is vertical, for which purpose the bearings C of the roller are adjustable with relation to the jaws F, being free to be turned on the rivet or pin G when desired.

Various modifications can be made in carrying this invention into effect, the drawings merely showing a convenient construction. For instance the jaws could be constructed in two parts and hinged together so as to encircle the bedpost or like furniture. Furthermore there may be provided some resilient connection between the roller bearings and the clamping device.

The materials of which the device is constructed may be varied if desired, and several rollers can be employed on each clamp instead of one as described.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. In a buffer for furniture, bedsteads or the like having a roller, preferably

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resilient rotatable on a vertical axis, the employment of a clamp or the like adapted to attach the buffer to the furniture, bedstead or the like.

2. A buffer for furniture, bedsteads or the like, comprising a pair of jaws adapted to be tightened by a wing nut or like device, and carrying an extension on which is mounted a vertically rotating roller preferably composed of a resilient material such as india rubber.

3. A buffer in accordance with the Claim 2, in which the roller is adjustable with respect to the jaws for the purpose described.

4. A buffer for furniture, bedsteads or the like, substantially as described or illustrated in the accompanying drawing.

Dated this 1st day of September, 1913.

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Agents for the Applicant,
21, Finsbury Pavement, E.C.

Redhill: Printed for His Majesty's Stationery Office, by Love & Malcolmson, Ltd.—1913.

[This Drawing is a reproduction of the Original on a reduced scale]

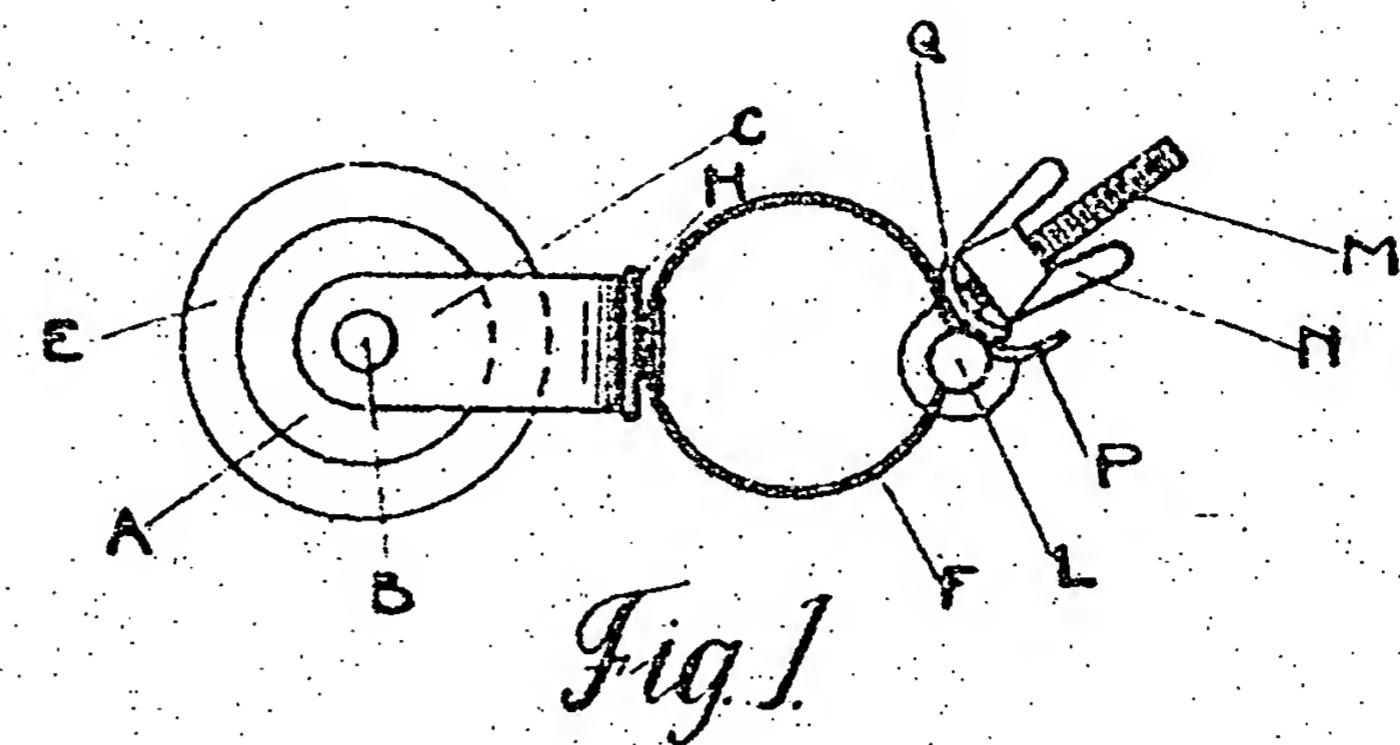


Fig. 1.

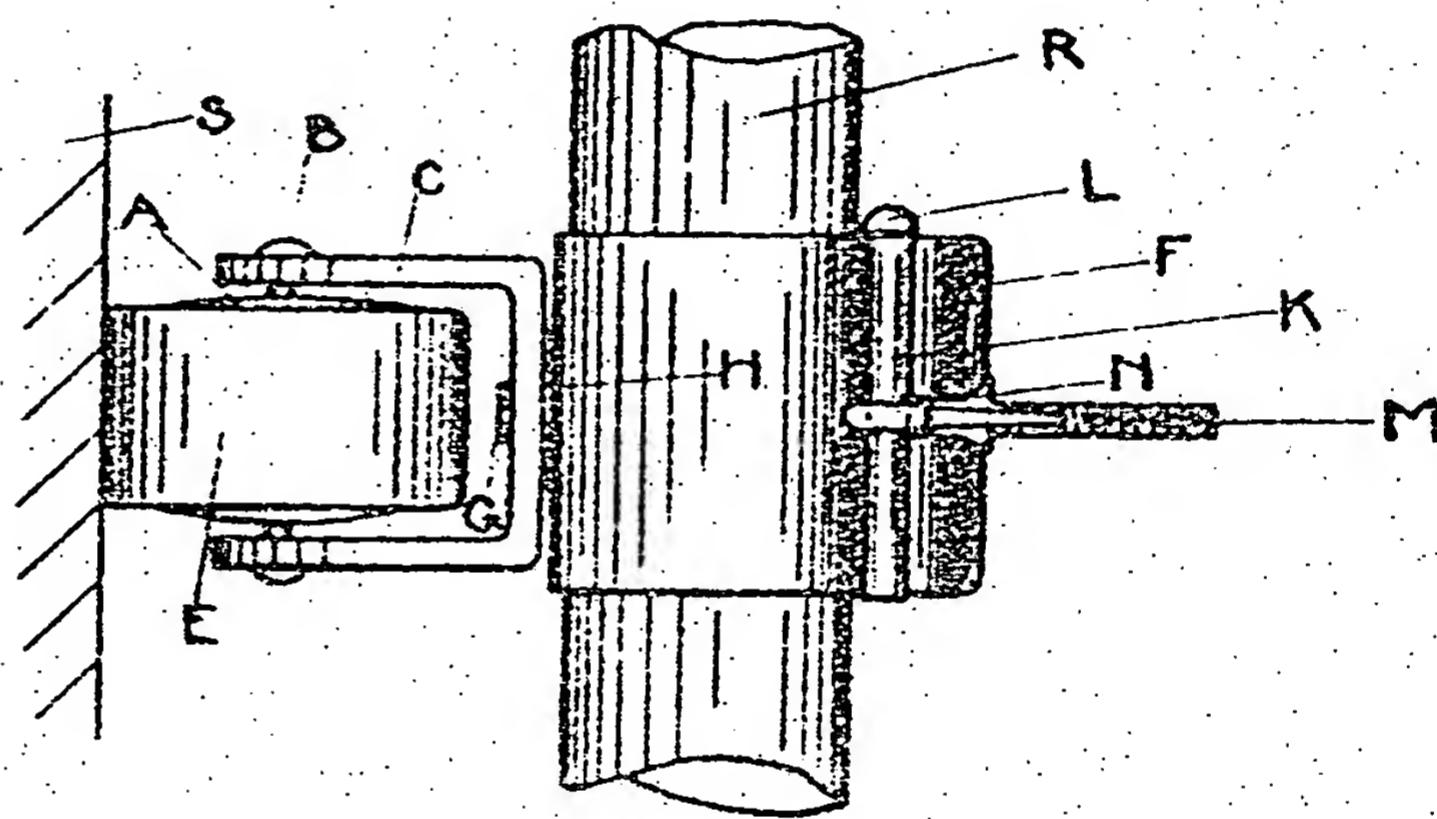


Fig. 2.

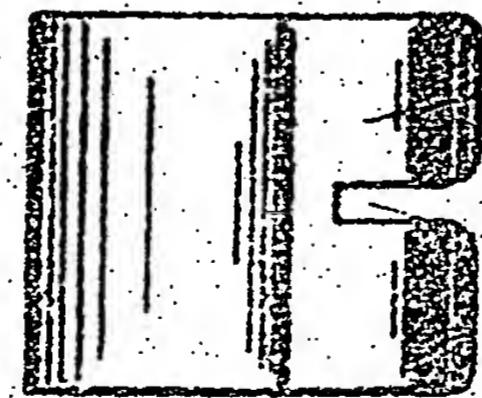


Fig. 3.